



Invitation to Bid

Procurement Reference No.: SPL/ETH/HW-GCS/ITB/001/2025

Supply, Installation, and Commissioning of an Automated Gas Chlorination System

Hawassa City, Sidama Regional State, Ethiopia & Chemical Dosing Pump Replacement for Adama City water utility's

1. Background and Invitation

Splash International, a global nonprofit dedicated to delivering sustainable WASH services to public school children in urban areas, invites qualified international firms to submit sealed bids for the supply, installation, and commissioning of an automated gas chlorination system in Hawassa, capital of Ethiopia's Sidama Regional State.

This tender is part of Splash's Citywide Water Treatment Support Project, designed to transition municipal utilities from outdated manual chlorination methods to modern, automated disinfection systems. With a population exceeding 430,000, Hawassa faces public health risks due to inconsistent dosing and limited real-time monitoring. This initiative is fully funded by Splash International and builds on its successful WISE, Phase I program model implemented across Addis Ababa and Bahir Dar. Successful performance may position the winning company for direct engagement in the upcoming expansion to Bahir Dar City, without the need for a separate competitive tender.

In Adama (population: 875,148) (Adama City Administration, 2025), the current water sources are insufficient to meet rising demand. The city is investing in new boreholes around Modjo; however, outdated chlorination systems continue to pose risks. These systems rely heavily on operator judgment for chlorine dosing, which can result in either under-chlorination, allowing pathogens to persist and affecting safety. Human error and varying skill levels exacerbate these risks, particularly in large-scale systems. To address these systemic issues, this initiative will:

- I. Automated chlorination systems provide consistent, accurate chlorine dosing. Automation reduces human error, enables real-time monitoring, and ensures water safety even under variable demand
- II. Strengthen city water utilities by replacing outdated equipment, training staff, and supporting operational efficiency.

Project Title: Design and Build of Automated Chlorination Systems for Hawassa City & Automate & Replacement of Chemical Dosing Pumps for Adama City Water Utilities.

Bid Number: [SPL/ETH/HW-GCS/ITB/001/2025I]

Original Issue Date: [16/07/25]

Reissue Date: [15/10/25]

Bid Due Date: November 10, 2:00pm Monday

Bid Opening Date: November 10, 2:30pm Monday

Contact Information: [Gebeyehu Abebe, Gebeyehu@splash.org]

2. Scope of Work

The selected contractor shall be responsible for carrying out the scope of work, which includes, but is not limited to, the following tasks:

1. Conducting a site-specific technical assessment before installation and producing a report detailing the findings, including justification for the proposed technology and approach, to clearly demonstrate the need for this intervention
1. Designing automated chlorination systems & chemical dosing systems tailored to the specific needs of each city.
2. Supplying and installing a city-scale automated gas chlorination system, and automated chemical dosing pumps.
3. Providing spare parts for at least three years, including a chlorine gas supply (drums 100kg each) for the first year.
4. Commissioning the system and ensuring integration with existing infrastructure.
5. Deliver hands-on training for Hawassa Water Utility and Sidama Regional Water, Mines & Energy Bureau staff, including O&M documentation, and Adama water utility staff including documentation. Training should be jointly coordinated by the supplier, Splash, and relevant government partners to ensure alignment and sustainability.
6. Facilitate the establishment of a sustainable supply chain for spare parts, chlorine gas, and other key consumables. The winning company supports Hawassa City Water Utility and the Sidama Region, Water, Mines and Energy Bureau by linking them with reliable suppliers. This ensures continued access to essential inputs for system operation.

7. Providing system calibration and real-time chlorine residual monitoring capabilities.
8. Supporting monitoring and evaluation of post-installation performance.

3. Minimum Eligibility Requirements

Interested firms:

- Must have at least 5 years of proven experience with automated chlorination systems in urban water utility settings.
- Must provide references for similar installations, preferably in East Africa.
- Must submit a qualified technical team experienced in chlorine & chemical dosing systems, instrumentation, and control.
- Must present a clear and feasible work plan (mobilization, installation, commissioning, training).
- Must demonstrate financial capacity to carry out the assignment.
- Must hold internationally recognized safety and quality certifications.
- Must open and maintain a contact office in Ethiopia if awarded.
- The proposed technology must comply with Ethiopian regulations, and the company must provide all necessary certificates, including internationally issued documents authenticated by the Ethiopian Embassy in the country where the company is based.

4. Instructions to Bidders

1. Bidders must submit both technical and financial proposals in sealed envelopes, clearly marked with the procurement reference number and the bidder's name.
2. Proposals must be submitted in English, with financial offers presented in USD. For all imported goods, payments will be made directly by Splash International's global office to the supplier's international bank account. For in-country expenses, payments will be made in Ethiopian Birr (ETB), based on the exchange rate on the date of delivery. Therefore, bidders must separate and specify imported goods and local expenses in their financial proposal to reflect this arrangement.
3. Bids must include:
 - 3.1. A detailed Bill of Quantities (BoQ)
 - 3.2. Proposed system specifications
 - 3.3. Implementation and training schedule

- 3.4. Bid security of USD 2% of the total contract amount must be submitted in the form of an unconditional bank guarantee or cashier's pay order that would last at least a month after the opening of the bid.
- 3.5. Duly complete the tender format attached on the last page that is supported by a written power of attorney in the bidder's letter.
9. Bids must be submitted no later than November **10**, 2:00PM & bid will open 2:30PM Located in Splash International Office/Ethiopia, CMC Road, Showa Building, 4th Floor
4. Late bids will not be accepted.
5. Validity period: 90 days from submission deadline. (Bids must remain valid for a period of [90] days from the bid due date. During this period, bidders shall maintain their bid prices and terms.
6. Site visits will be conducted from 17 October to 24 October 2025. Contact Mr. Henok Wolday to schedule and facilitate the site visit: Henok@splash.org.
7. Clarification requests must be submitted in writing by 31 October 2025. Mr. Gebeyehu Abebe: Gebeyehu@splash.org.
8. Any addenda issued during the bidding period will become part of the contract documents and must be acknowledged in the bid submission.
9. Splash International reserves the right to cancel or modify the tender at any stage.
10. Contract Award
- The successful bidder will be notified in writing and will be required to enter into a contract with Splash International with the terms and conditions outlined in the FIDIC Orange Book.
 - The contract will include provisions for performance security, insurance, and other requirements as specified in the General and Particular Conditions of Contract.
11. Dispute Resolution
- Any disputes arising during the bidding process or execution of the contract will be resolved by the dispute resolution mechanisms outlined in the FIDIC Orange Book, including the use of a Dispute Adjudication Board (DAB) if necessary

5. Evaluation Criteria

Submissions will be evaluated based on the following weighted criteria:

Criteria	Weight
Technical compliance and proposed solution	30%
Relevant experience and past performance (List of similar projects completed in the past five years)	20%
Training, handover, and sustainability plan (Proposed project plan and timeline)	15%
Price and cost-effectiveness	30%
Local representation and post-sale support	5%

6. Contract and Warranty Terms

- A fixed-price contract will be signed with the winning bidder.
- A one-year defect liability period after post-commissioning is mandatory.
- All systems must comply with Ethiopian water safety regulations and WHO drinking water standards.
- Implementation must be completed within 12 months of signing the contract.

7. Submission Address (Bid Submission Requirements)

Bidders must submit the following documents:

- Completed Bid Form
- Signed copy of the Documents Requirements Checklist
- Renewed Business License of current year
- Certified financial statements for the past three years
- Detailed project plan and timeline

Sealed bids (technical and financial proposals in separate envelopes) should be delivered to:

Splash International Ethiopia Office

Addis Ababa, Ethiopia

Deadline: 10 November 2025 at 2:00pm EAT

8. Contact Information

All communications related to this tender should be directed to:
Gebeyehu Abebe
Program Director & Legal Representative
Email: gebeyehu@splash.org
Phone: +251 118-296500

SPL/ETH/HW-GCS/ITB/001/2025

Segment	Meaning
SPL	Refers to Splash International (the issuing organization).
ETH	Indicates the country of Ethiopia.
HW	Likely stands for Hawassa, the project location.
GCS	Gas Chlorination System (the specific subject of procurement).
ITB	Stands for Invitation to Bid.
001	It represents the serial number of procurements; it is the first procurement under the Citywide Water Treatment project category in 2025.
2025	The year of issuance.